

WHAT IS CLAIMED IS:

- 1 1. A fluid supply comprising:
2 a reservoir;
3 a fluid supply media within the reservoir and including a lamellae
4 inhibiting agent.
- 1 2. The supply of claim 1, wherein the media includes at least one length
2 of at least one material.
- 1 3. The supply of claim 2, wherein the lamellae inhibiting agent is
2 intermittently disposed along the at least one length at a plurality of spaced locations.
- 1 4. The supply of claim 2, wherein the at least one length is at least
2 partially fluidphilic.
- 1 5. The supply of claim 2, wherein the at least one length has a stripe of
2 the lamellae inhibiting agent.
- 1 6. The supply of claim 5, wherein the stripe substantially extends from a
2 first end to a second end of the at least one length.
- 1 7. The supply of claim 5, wherein the stripe linearly extends along the at
2 least one length.
- 1 8. The supply of claim 5, wherein the stripe nonlinearly extends along the
2 at least one length.
- 1 9. The supply of claim 8, wherein the stripe spirals about the at least one
2 length.
- 1 10. The supply of claim 2, wherein each length of material includes:
2 a hub; and
3 a plurality of lobes extending from the hub and terminating at ends,
4 wherein the ends carry the lamellae inhibiting agent.

1 11. The supply of claim 10, wherein the hub and a majority of each lobe is
2 fluidphilic.

1 12. The supply of claim 1, wherein the mass includes a plurality of lengths.

1 13. The supply of claim 12, wherein a first portion of the lengths include
2 the lamellae inhibiting agent and wherein a second portion of the lengths omit an
3 lamellae inhibiting agent.

1 14. The supply of claim 13, wherein the first portion of the lengths are
2 coated with the lamellae inhibiting agent.

1 15. A supply of claim 14, wherein the first portion of the lengths are
2 completely coated with the lamellae inhibiting agent.

1 16. The supply of claim 1, wherein the lamellae inhibiting agent is a solid.

1 17. The supply of claim 1, wherein the lamellae inhibiting agent is selected
2 from a group including:
3 fluidphobic silica, fluidphobic fat, fluidphobic wax and
4 fluoropolymers.

1 18. The supply of claim 1, where the media includes a fluidphilic material
2 and wherein the lamellae inhibiting agent has a minimum quantity to limit lamellae
3 formation on the material, and a maximum quantity that allows uptake of fluid by the
4 material.

1 19. The supply of claim 1, wherein the media includes a plurality of pores
2 and wherein the lamellae inhibiting agent is exposed along each pore.

1 20. The supply of claim 1, wherein the media includes at least one length
2 having a mixture of fibers, wherein only a portion of the fibers carry the lamellae
3 inhibiting agent.

1 21. The supply of claim 1, wherein the media is configured to receive a
2 fluid having a surface tension and wherein the agent has a surface energy at least 5
3 dynes per centimeter less than the surface tension.

1 22. The supply of claim 21, wherein the surface energy is at least 10 dynes
2 per centimeter less than the surface tension.

1 23. The supply of claim 1 including a fluid within the reservoir and within
2 the fluid supply media, wherein the fluid has a surface tension and wherein the agent
3 has a surface energy at least 5 dynes per centimeter less than the surface tension.

1 24. The supply of claim 23, wherein the surface energy is at least 10 dynes
2 per centimeter less than the surface tension.

1 25. The supply of claim 23, wherein the fluid has a surface tension of
2 between about 25 dynes per centimeter and 70 dynes per centimeter.

1 26. The supply of claim 23, wherein the fluid has a surface tension of no
2 greater than 50 dynes per centimeter.

1 27. The supply of claim 23, wherein the agent has a surface energy of no
2 greater than 30 dynes per centimeter.

1 28. The supply of claim 1, wherein the media includes at least one length
2 of material in wherein the at least one length of material as a non-symmetrical cross-
3 sectional shape.

1 29. The supply of claim 1, wherein the fluid supply media is configured to
2 receive a fluid having a surface tension and wherein at least portions of the fluid
3 supply media have exposed surfaces having a surface energy greater than the surface
4 tension.

1 30. The supply of claim 29, wherein the agent has a surface energy less
2 than the surface tension.

1 31. The supply of claim 1, wherein the agent comprises at least one length
2 extending through the fluid supply media.

1 32. The supply of claim 1, wherein the media includes at least one length
2 of material having a center and a plurality of extensions extending from the center and
3 wherein lamellae inhibiting agent is carried by tips of at least a portion of the plurality
4 of extensions.

1 33. The supply of claim 32, wherein the fluid supply media and the at least
2 one length occupy a volume of which at least 20 percent is provided by the at least
3 length.

1 34. The supply of claim 1, wherein the reservoir is configured to be
2 refilled with a fluid.

1 35. The supply of claim 1, wherein the fluid supply media includes at least
2 one length of material having an axial center and an outer circumferential surface,
3 wherein the lamellae inhibiting agent extends along the center and along a first
4 portion of the outer circumferential surface and wherein a second portion of outer
5 circumferential surface includes a fluidphilic material.

1 36. The supply of claim 1, wherein the media includes at least one length
2 formed entirely of the lamellae inhibiting agent.

1 37. A fluid deposition system comprising:
2 a fluid-dispensing device configured to dispense fluid upon a medium;
3 and
4 a fluid supply including a reservoir having an interior in fluid
5 communication with a fluid-dispensing device;
6 a fluid supply media within the reservoir and including a lamellae
7 inhibiting agent.

1 38. The system of claim 37, wherein the media includes at least one length.

1 39. The system of claim 38, wherein the lamellae inhibiting agent is
2 intermittently disposed along the at least one length at a plurality of spaced locations.

1 40. The system of claim 38, wherein the at least one length is fluidphilic.

1 41. The system of claim 38, wherein the at least one of length has a surface
2 stripe of the lamellae inhibiting agent.

1 42. The system of claim 41, wherein the surface stripe substantially
2 extends from a first end to a second end of the at least one each length.

1 43. The system of claim 38, wherein the at least one length includes:
2 a hub; and
3 a plurality of lobes extending from the hub and terminating at ends,
4 wherein the ends carry the lamellae inhibiting agent.

1 44. The system of claim 43, wherein the hub and a majority of each lobe is
2 fluidphilic.

1 45. The system of claim 37, wherein the lamellae inhibiting agent is
2 selected from a group including:
3 fluidphobic silica, fluidphobic fat, fluidphobic wax and
4 fluoropolymers.

1 46. The system of claim 37, wherein the lamellae inhibiting agent is a
2 solid.

1 47. The system of claim 37, wherein the lamellae inhibiting agent has a
2 minimum quantity to limit lamellae formation on the media, and a maximum quantity
3 that allows uptake of fluid by the media.

1 48. The system of claim 37, wherein the mass includes a plurality of pores
2 and wherein the lamellae inhibiting agent is exposed along each pore.

1 49. The system of claim 37, wherein the fluid dispensing device includes a
2 print head.

1 50. The system of claim 37 including a carriage configured to move the
2 fluid-dispensing device across the medium.

1 51. The system of claim 37, wherein the media includes a plurality of
2 lengths.

1 52. The system of claim 37, wherein a first portion of plurality of lengths
2 includes the lamellae inhibiting agent and wherein a second portion of the plurality of
3 lengths omit an lamellae inhibiting agent.

1 53. The system of claim 52, wherein the first portion of the plurality of
2 lengths are coated with the lamellae inhibiting agent.

1 54. The system of claim 53, wherein the first portion of the plurality of
2 lengths are completely coated with the lamellae inhibiting agent.

1 55. The system of claim 51, wherein at least one of the plurality of lengths
2 is formed entirely from the lamellae inhibiting agent.

1 56. A media for use in a fluid supply, the media comprising:
2 a material having pores; and
3 a lamellae inhibiting agent retained relative to the material proximate
4 to the pores.

1 57. A fluid supply comprising:
2 a reservoir;
3 a material having pores within the reservoir; and
4 means coupled to the material for inhibiting formation of lamellae
5 across the pores.

1 58. A method for supplying fluid comprising:

2 depositing fluid into a reservoir;
3 wicking the fluid using fluidphilic material having pores through the
4 reservoir to a discharge location; and
5 contacting the fluid along the pores with an lamellae inhibiting agent to
6 inhibit the formation of lamellae.